

**ABSTRACT OF THE DISCLOSURE**

An oil filtration system uses a housing having an inlet port and an outlet port connected by a series of passages arranged in an S-flow pattern. Each passage is bounded on at least one side  
5 by a membrane filter which filter channels the permeate removed from the filter out of the system through permeate ports that are attached to each filter and that pass through an end cap of the housing. A turbulence creating flange is disposed within the passages for creating turbulence of the fluid flowing through the  
10 passages in order to increase fluid interaction with the filters and thus increase the filtration ability of the membrane filters.

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